DRAFTA, Denise; CIOCIRDIA, Cazarina; OPRESCU, Maria; BUSILA, Eugenia; CRISTOVEANU, Ana; TACHE, Alina; BUNEA, Minodora

New methods of steroid determination for use in clinical endocrinology. Stud. cercet. endocr. 14 no.1:63-74'63.

(STEROIDS) (ENDOCRINOLOGY) (DIAGNOSIS) (URINE)

(BLOOD CHEMICAL ANALYSIS) (CHROMATOGRAPHY)

MILCU, St.M., academician; TANILA-MUSTER, Aneta; DRAFTA, Denise; CIOCIRDIA, Cezarina; OPRESCU, Marcela; BUSILA, Eugenia

New function tests for exploration of the ovaries in hyperfolliculinism. Stud. cercet. endocr. 14 no.2:253-259 '63.

(OVARY) (PHYSIOLOGY) (ESTROGENS) (STERILITY, FEMALE)

(GONADOTROPINS, CHORIONIC)

TACHE, Alina; DPAFTA, Denise; SMcE, Maria

Method of determination of 17-hadroxycorticosteroids (Appleby-Norymberski) and use of it in seme cases of adrenal cortex pathology. Stud. cerest. endoer. 15 no.5:445-450 164.

PAUN, L.; OPRESCU, Maria; DRAFTA, Denise; BOSEMANU, Melania; FRUNZA, S.

Aldosterone and the study of electrolytes in 10 cases of a common clinical form of viral hopatitis. Stud. cercet. endocr. 15 no.5:481-484 **164.

OPRESCU, Maria; ESANU, C.; CRISTOVEANU, Ana; GRIGORESCU, A.; TACHE, Alina; DRAFTA, Denise.

Functional examination of the adrenal cortex in obesity. Studii cercet. endoor. 16 no.2:149-157 '65.

MILCU, St.-M.; DRAFTA, Denise; MAICANESCU, Madeleine; TACHE, Alina; CIOCIRDIA, Cezarina; STROE, Emilia; OPRESCU, Maria; SUCIU, Eugenia; CRISTOVEANU, Ana

Functional capacity of Leydig cells studied with the Jayle test in several testicular syndromes. Stud. cercet. endocr. 15 no.6: 555-562 164.

DRAGAC, J., inz.

Construction of the Dannhe-Tisa-Dambe Canal network, and its rela and importance for revival, and an intensified development of inland water transportation. Hedun transp 9 no.4:249-252 Ap *63.

HEL'NIKOV, N.; DRAGALEY, P.

In the effort to fulfill the revenue provisions of the budget.

Fin.SSSR 17 no.6:51-55 Je '56. (MLRA 9:9)

(Stalingrad Province--Revenue)

DRAGALEV, P. I.

Radical improvement of the Kabardian horse breed at the Stalin Horse Station. Konevodstvo 22 No 7, 1952.

DRAGALIN, P. U.

RUMANIA/Cultivated Plants - Grains.

M-2

Abs Jour

: Ref Zhur - Diol., No 20, 1958, 91604

Author

: Dragalin, Pivi

Inst

Title

: Fertilizing Winter Wheat after Corn and Sunflower.

Orig Pub

: Rev. Minister. gospod. acric. stat, 1957, No 2, 42-44.

Abstract

: The application of full mineral fertilizers (MPK) before sowing wheat after such preceding crops as corn and sunflower increases the yield of winter wheat by an average of 7.8 centners/hectare. With the placement of only one kind of fertilizer (N or P) in the fall, the increase in the yield of wheat was insignificant. -- Ye.T. Zhukovskaya.

Card 1/1

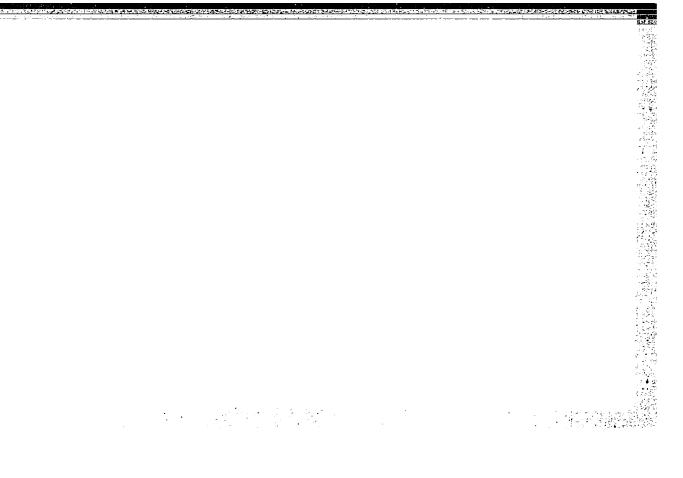
LUK'YANENKO, P., akademik; DRAGALIN, P.; SIMAKIN, A.; DUBONOSOV, T.

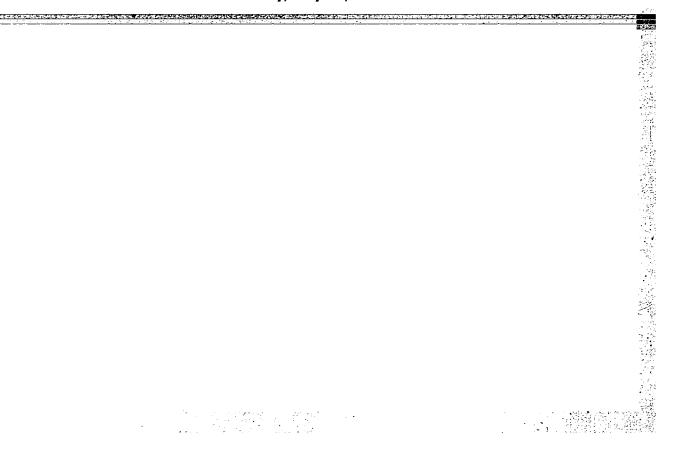
Fertilize the entire area under winter wheat. Zemledelie 26 no.1:23-26 Ja'64. (MIRA 17:5)

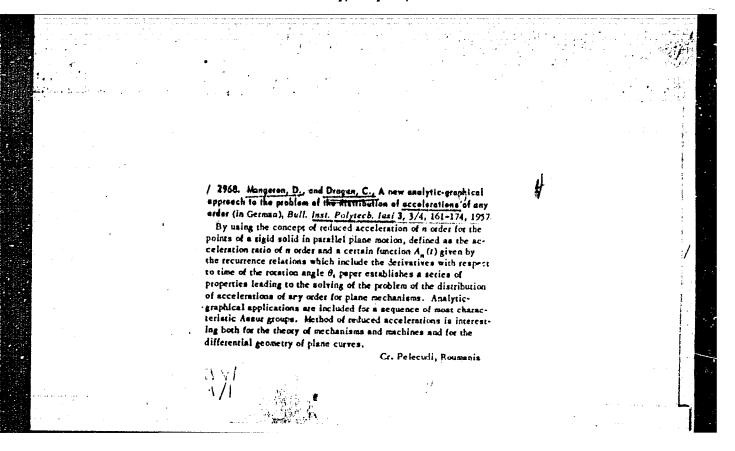
1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni Lenina (for Luk'yanenko). 2. Krasnodarskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva (for Dragalin). 3. Kubanskiy sel'skokhozyaystvennyy institut (for Simakin).

3. Kubanskiy sel'skoknozysystvennyy institut (101 Simaki 4. Krasnodarskoye krayevoye upravleniye proizvodstva i

zagotovok sel'skokhozyaystvennykh produktov (for Dubonosov).







DRAGAN, C.; Svijevschi, V.; Mangeron, D.

New method of studies concerning the theory of mechanicms and machines. p. 51. (STUDII SI CERCETARI DE MECANICA APLICATA. Vol. 8, no. 1, Jan/Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

MANGERON, D.; DRAGAN, C.

Study on the mechanism in the space by the method of reduced accelerations. I. The space four-link mechanisms. Studii cerc mec apl 12 no.5: 1025-1046 '61.

1. Institutul politehnic, Iasi.

MANGERON, D. DRAGAN, C.

Kinematic study of the four-unit space mechanisms with the matrix-tensorial method. Studii cerc mec apl 12 no.6:1257-1270 '61.

5/081/62/000/009/074/075

AUTHORS:

Solomon, Ozias, Tomescu, Margareta, Dragan, Doina, Dimonie,

Mihai

TITLE:

Copolymerization of the ternary system: vinyl acetate,

acrylonitrile, styrene

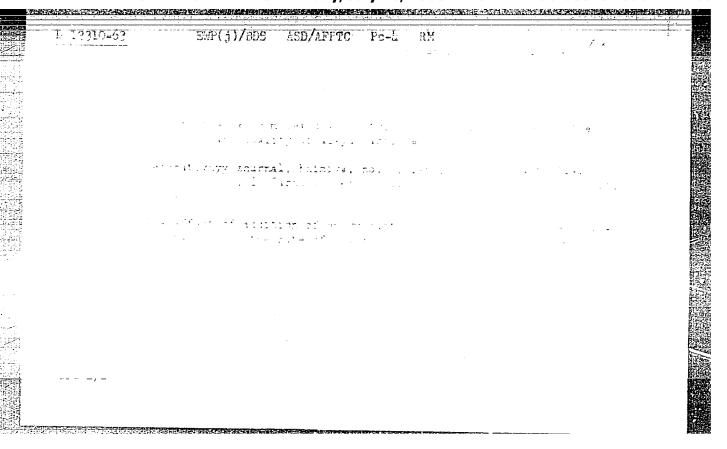
FERIODICAL:

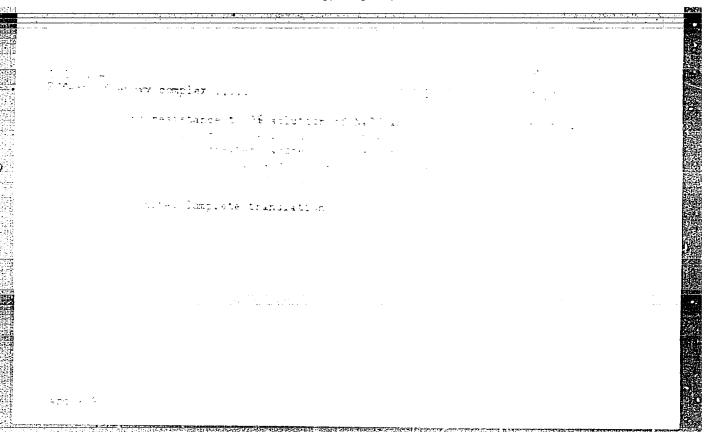
Referativnyy zhurnal. Khimiya, no. 9, 1962, 702, abstract

9R55 (Bul. Inst. politehn. Bucuresti, v. 21, no. 4, 1959,

TEXT: The kinetics of the mass copolymerization of yinyl acetate, acrylonitrile and styrene (65°C \pm 0.02) in the presence of 0.5% of benzoyl peroxide, leading to the formation of a mixture of two- and three-component copolymers (CP) have been studied. The values, obtained from an experimental determination of the CP composition were found to be in good agreement with those calculated by using the composition equation. The thermal resistance of CP according to Martens was 97°C, the melting point was 225-260°C. [Abstracter's note: Complete translation.]

Card 1/1





DRAGAN, G.

DRUGAN, Cleb (Dragan, Gleb), dots.insh.; POPA, Badia (Popa, Badea), inzh.

Behavior of the medium-voltage electroconductors in atmospheric supertensions. Tekhnika Bulg 11 no.1:8-12 '62

L 10910-66

ACC NRI AP6004493

SOURCE CODE: RU/0007/65/016/002/0089/0034

AUTHOR: Dragan, G. (Engineer); Girlesteanu, E. (Engineer)

ORG: none

TITLE: Determining the insulation level of the electrical machines used in the oil extraction sector to assure adequate protection against atmospheric overvoltages

SOURCE: Petrol si gaze, v. 16, no. 2, 1965, 89-94

TOPIC TAGS: petroleum industry equipment, electric motor, electric insulation

ABSTRACT: The authors discuss the determination of the required amount of insulation for electric motors in crude oil extraction equipment, and draw a number of conclusions from the statistical processing of the data obtained experimentally. Orig. art. has: 10 figures. [JPRS]

SUB CODE: 13, 09 / SUEM DATE: none / ORIG REF: 003 / OTH REF: 001 SOV REF: 005

Card 1/1

"APPROVED FOR RELEASE: Friday, July 28, 2000

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DRAGANGGLEB

Rumania/Physics of the Atmosphere - General Problems, M-1

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36064

Author: Dragan, Gleb

Institution: None

Title: New Data on the Problem of Ice Formation on Wires of Aerial Lines

Original

Periodical: Energ. si hidrotehn, 1955, 3, No 10, 448-456; Rumanian; Russian

resumé

Abstract: Discussion of many new ideas concerning the problem of ice formation on the wires of aerial lines, in connection with the influence

of certain factors (relative wind direction, nearness of forests, diameter of wires, or mounted height of wires). Data are also given concerning icing in Rumania during the last 2 years.

Card 1/1

Dragan, C.

TECHNOLOGY

Periodical STUDII SI GENECETARI DE ENERGETICA Vol. 8, No. 3, 1958

Dragan, G; Problems of using protection conductors on medium-tension lines. page 419.

Honthly List of East European Accessions (EEAI) LC, Vol. 8, No. 3, 1959, Unclass.

DRAGAN, G.

IRAGAN, C. Selection of the length of protecting conductors at the points of entry of aerial lines into stations. p. 232

Vol. 5, No. 1/2, Jan./June 1955 STUDII SI GERCETARI DE ENERGETICA Bucuresti, Rumania

So: East European Accession, Vol. 5, No. 5, May 1956

DRAGAN, G.; MILITARU, P.; PETRESCU, C.

The problem of overloads on Rumanian overhead electric lines caused by rime in the light of recent observations and damages. p. 100. (ENERGETICA. Vol. 5, no.3, Mar. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957 Uncl.

DRAGAN, G.,; POPA, B.

Surveying voltage-time characteristics on electric insulators. p. 177.

ELECTROTEHNICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Rominia si Ministerul Energiei Electrice si Industriei Electrotehnice) Bucuresti, Rumania, Vol. 7, no. 5, May 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

DRAGAH, G.

On the parameters of thunderbolt currents; analysis of the measuring methods and the results obtained therefrom. p. 295.

EMERGETICA. (Asceiatia Stiintifica a Inginerilor si Tehnicienilor din Rominia si Ministerul Energiei Electrice si Industriei Electrice huice) Bucuresti, Rumania Vol. 7, no. 7, July 1959.

Monthly list of Eastern European Accession Index (IEAI) IC vol. 8, No. 11 November 1959 Uncl.

DREGAN Gleb [Dragan, Oleb]

Determination of overvoltage in case of lightning hitting the top of the pillars for the aerial electric-transmission lines with protecting cables. Rev electrotechn energet 5 no.2:311-319 *60.

(EFAI 10:5)

(Electric lines) (Lightning) (Overvoltage)

DRAGAN, G.

"Treatment of the neutral in high-tension electric networks in order to avoid prolonged supertensions" by P. Dimo, E. Arie, F. Manea, S. Ionescu and P. Nicolae. Reviewed by G. Dragan. Rev electrotechm energet 6 no.2:441-442 161.

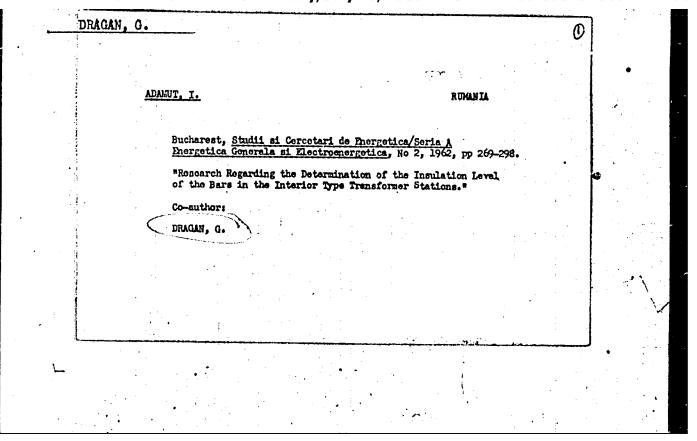
DRAGAN, G., conf.

Meeting of the Study Committee No. 8 of the International Conference of Great Electric Networks on lightning and atmospheric pressure. Energetica Rum 9 no.11:459-460 N *61.

(International Conference on Large Electric Systems)
(Atmospheric electricity)

DRAGAN, G.; POPA, B.; ADAMUT, I.

Experimental studies on the determination of flashover tension of the suspension insulators IC₄. Studii cerc energet 11 no.2:355-375 161.



AVRAMESCU, Aurel, dr. ing. (Bucuresti); <u>DRAGAN</u>, Gleb, conf. ing. (Bucuresti); ADAMUT, Iosif, ing., (Bucuresti); POPA, Badea, ing., (Bucuresti)

Insulation of high tension stations in the light of Rumanian national standards, the International Electrotechnical Commission, and several tests carried out with some Rumanian-made insulators. Electrotehnica 10 no.9:335-347 S 162.

- 1. Membru corespondnet al Academiei R.P.R. (for Avramescu).
- 2. Sef laborator la Colectivul de tensiuni inalte al Institutului de energetica al Academiei R.P.R. (for Dragan).
- 3. Cercetatori stiintifici la Colectivul de tensiuni inalte al Institutului de energetica al Academiei R.P.R. (for Adamut, Popa).

AVRANESCU, A., dr. ing.; DRAGAN, Gleb, candidat in stiinte tehnice, ing.; POPA, Badea, ing.

Protection of oil product reservoirs against lightning and electrostatic charges. Petrol si gaze 13 no.2:82-89 F '62.

1. Membru corespondent al Academiei R.P.R. (for Avramescu).

AVRAMESCU, Aurel, acad.; DRAGAN, Gleb; ADAMUT, Iosif; PETCU, Mircea

Switching overvoltages modeled by a quadripole. Rev electrotechn energet
9 no.3:331-339 '64

DRAGAN, G., ing.; GIRLESTEANU, E., ing.

Determining the level of insulation of the electric machines wood in oil extraction to ensure protection against atmospheric overvoltage. Petrol si gaze 16 no.2:89-94 F '65.

DRAGAN, G.Yu.

Ricctric riveter designed by immovator G.F. Fessenko. Mashinostroitel no.3129 Mr 165. (MIRA 18:4)

1. Glavnyy svarshehik Dnepropetrovskogo zavoda celiskokhozyaystvennykh mashin.

DRAGAN, I.

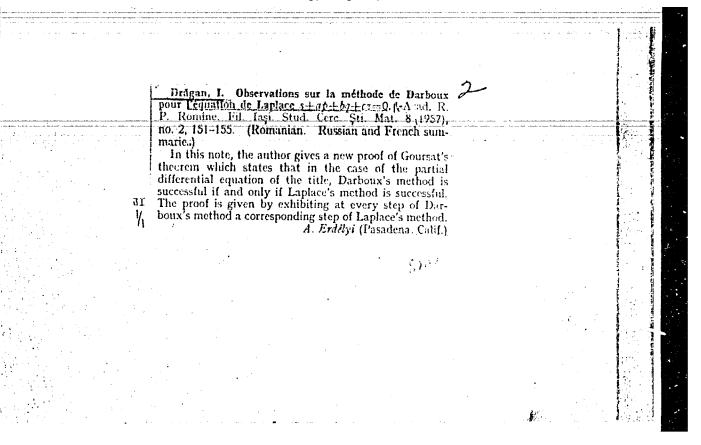
Wheat harvests of large production varieties obtained on a boggy and clayey soil by application of fertilizers. Studii agr Timisoara 9' no.3/4:387-393 J1-D '62.

DRAGAN, I.

M.A. equations with three variables. Studii mat Iasi 14 no.1: 55-89 363.

MIRZA, V.D., academician; DRAGAN, I.; ZAHARIA, N.; MARCU, C.

Mathematical study of the functional correlations between the thyroid gland, ovary and certain factors of the physical environment, in wild birds. Stud. cercet. endocr. 14 no.4/5/6:467-473 '63.



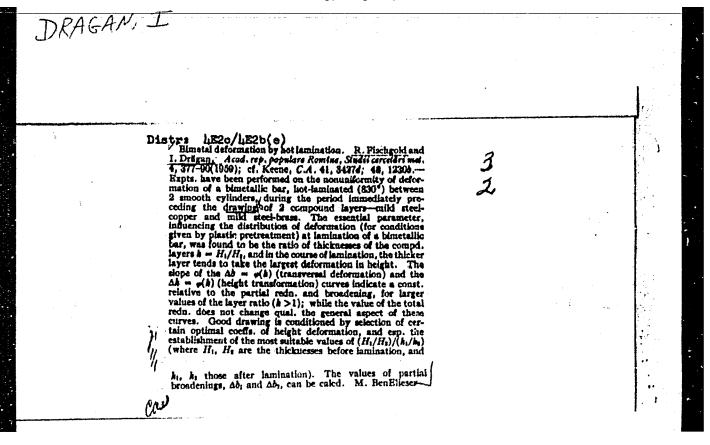
On Second Order Partial Differential Equations

Dragan, 1. Sur les équanons aux dérivées partielles du
second ordre F(x, y, x, p, q, r, s, t)=0 intégrables par la
méthode de Darboux. Acad. R. P. Romine. Fil. Iași.
Stud. Cerc. Ști. Mat. 7 (1956), no. 1, 71-117. (Romanian.

Stud. Cerc. Sti. Mat. 7 (1956), no. 1, 71-117. (Romanian. Russian and French summaries)

Goursat, in his 1896-98 "Leçons sur l'intégration des équations aux dérivées partielles du second ordre" (vol. 2, Chapter VIII, sec. 183), proposed the problem of determining all equations for which Darboux's method can be applied successfully to the systems of characteristics; and he completely solved the problem (Chap. VII, sec. 166) in the special case that the two systems of characteristics of the partial differential equation coincide. Later, Vessiot [J. Math. Pures Appl. (9) 21 (1942), 1-66; MR 5, 67; and earlier papers] studied some equations with distinct characteristic systems which are integrable by Darboux's method. In the present paper, the author determines the forms of all partial differential equations with distinct characteristic systems for which Darboux's method can be applied successfully to both systems of characteristics. be applied successfully to both systems of characteristics.

A. Erdélyi (Pasadena, Calif.)



PRAGAN, I.

On the first integrals of the characteristic systems for equations with partial derivatives of the third order having distinct characteristics. p. lul.

STUDII SI CERCETARI STIINTIVICE. MATEMATICA. Iasi. Rumania. Vol. 9, no. 2, 1958.

Monthly List of East European Accessions (EE.) LC, Vol. 9, no. 1, January 1960. Uncl.

DRAGAN, I.

Ways of economizing heat in woodworking plants. p. 456.

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerul Industriei Lemnului) Bucuresti, Rumania. Vol. 7, No. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 6, June 1959. UNCL

OPREA, C. V., prof.; DRAGAN, I.; CONTREA, A.; MIHOC, Ema

Increase in the productivity of the podzol of the western part of Rumania following fertilisation and liming. Studii agr Timisoara 8 no.1/2:17-29 161.

1. Sectorul de pedologie, Baza Academiei R.P.R. Timiscara. 2. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (Timiscara)(for Oprea).

(Rumania-Podsol) (Fertilizers and manures)
(Liming of soils)

OPREA, C. V., prof.; MURESANU, P. L.; DRAGAN, I.; CRISAN, I.; OPRIS, L.; MIHOC, Ema; BALAN, S.; BAUMSTARK, I.; PETRESCU, C.; VILCEANU, Nicoleta

Studies on the soils of the western part of our country. Studii agr Timisoara 8 no.3/4:163-169 J1-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (for Oprea).

FISCHGOLD, R.; DRAGAN, I.

Experimental research on the influence of the intensity of deformation on the mechanical properties of some thin hot-rolled steel plate. Studii cerc metalurgie 7 no.1:89-101 162.

1. Membru al Comitetului de redactie si secretar de redactie, "Studii si cercetari de metalurgie" (for Fischgold).

DRAGAN, I.

Some problems of the fluid metal drop forging of parts in the shape of a glass. Bul stiint polit Cluj 6:257-268 '63.

Some problems of drop forging on hammers and presses of boss and crown semifinished parts. Ibid.:269-278

PAVLOV, I.M., prof. dr.; DRAGAN I.

Research on the influence of reduction working conditions, by cooled rolling process, on electric, magnetic properties and textural degree of the transforming sheets. Studii cerc metalurgie 8 no.4:443-459 163.

1. Membru corespondent al Academiei de Stiinte a U.R.S.S. (for Pavlov).

L 31.91.6-66 T/EWP(t)/ETI IJP(c) JD/DJ SOURCE CODE: RU/0017/66/000/001/0005/0008 ACC NR. AP6026645 AUTHOR: Dragan, I. (Doctor; Engineer); Noves, S. (Engineer); Crafti, A. (Engineer) ORG: Metallurgical Research Institute (Institutul de cercetari metalurgice) TITIE: Some considerations concerning the hot deformability characteristics of noncorrosive steels SOURCE: Metalurgia, no. 1, 1966, 5-8 TOPIC TAGS: corrosion resistant steel, plasticity, material deformation, mechanical shock resistance ABSTRACT: A report on tests to determine hot deformability characteristics of non-corrosive steels. The most appropriate method to determine cold-hardenability of steel has been found to be shock upsetting; to determine plasticity hot torsion gave best results, while the upset method was best for determining shock-deformation resistance. | Orig. art. has: 14 figures and 1 table. [Based on authors' Eng. abst.] [JPRS: 36,646] SUB CODE: 11, 20 / SUBM DATE: none UDC: 669.14.018.7:539.32

DRAGAN, I.

137-1958-1-587

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 92 (USSR)

AUTHORS: Mikulesku, R., Berku, S., Dragan, I.

TITLE: Determining the Free Spread of Copper and Brass When Rolling

in Plain Rolls (Opredeleniye svobodnogo ushireniya medi i latuni

pripprokatke v gladkikh valkakh)

PERIODICAL: Zh. metallurgiya, 1956, Vol 1, pp 101-105

ABSTRACT: The hot rolling of Cu and brass on plain rolls of identical diameter, and cold rolling on plain rolls of different diameters is investigated. Comparison of the spread values confirms that the factors affecting the spread of Cu and brass are H, Δh, B, and R. Employment of the Riedel nomogram to determine spread in the hot rolling of steel enables the Authors to propose a nomogram for determining the spread of Cu and brass and a general formula for determination of the spread.

ΔB - KB ΔH √R ΔH / √R ΔH BH → h ΛR ΔH where

 $\Delta B = KB \Delta H \sqrt{R \Delta H} / \sqrt{E/R \Delta H} BH + h \sqrt{R \Delta H}$, where K is a correction factor determined from the diagram in accord-

ance with the relative reduction.

Yu.F.

1. Brass-Deformation-Mathematical analysis 2. Copper-Deformatica-Mathematical analysis

DRAGAN, I.

Automotice passenger funicular railway. p. 100. REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si al Ministerului Agriculturii si Silviculturii) Fucuresti. Vol. 71, no. 2, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

DRAGAN, I.

Small mechanized equipment for loading logs on vehicles. p. 104. (REVISTA PADURILOR. Vol. 71, no. 2. Feb. 1957. Rumania)

SO: Monthly List of East European Accessions (EE/L) LC, Vol. 6, no. 7, July 1957, Uncl.

Page 78

DRAGAN, I.: FISCHGOLD, R

Study on the establishment of a elation between the quality of material and the catching angle during the laminating process. 3.345

Academia Republicii Populare Romine. Centrul de Cercetari Metalurgica. STUDII SI CERCETARI DE METALURGIE. Bucuresti, Rumania Vol.3, no.3, 1958

Monthly list of east European Accessions (EEAI) LC, Vol.3, no.3, Aug, 1959 Uncl.

DRAGAN, I.; BERCU, S.

Determining a method of dimensioning the safety boxes in rolling mills. p. 505.

Academia Republicii Populare Romine. Centrul de Cercetari Metalurgice. STUDII SI CERCETARI DE METALURGIE. Burcuresti, Rumania. Vol. 3, no. 4, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

DRAGAN, I; FISCHGOLD, R.

The correlation between the rolled material and catching angle in rolling. In German. p. 53.

REVUE ROUMAINE DE METALLURGIS. RUMANIAN JOURNAL OF METTALLURGY. (Academia Republicii Populare Romine) Bucresit, Romainia. Vol. 1, no. 1, 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Jan 1960 Uncl.

DRAGAN, I.; RIZESCH, C.

Research on the possibilities of deforming cast iron with modular graphite by means of lamination. p. 73.

STUDII SI CERCETAPI DE METALURGIE. Bucuresti, Rumania. Vol. 4, no. 1, 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9,/1959. Uncl.

Dragan, I.; Fischgold, R.

Addition to the study of the deformation of bimetals by hot lamination. p. 377.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE METALURGUE. Bucuresti, Rumania. Vol. 4, No. 3, 1959.

Monthly List of East European Accessions (EEAL) LC Vol. 9, No. 2, January 1960. Uncl.

83424

R/009/60/000/006/003/005

18.4000A

Dragan, Ion,

A124/A026

AUTHOR:

Contributions to the Compression of Liquid Metal TITLE:

PERIODICAL: Metalurgia si Constructia de Masini, 1960, No. 6, pp. 495-499.

Subject article deals with the compression of the liquid me-TEXT: tal, a procedure which combines the method of die casting with hot drop forging. After briefly describing the four stages of the method of liquid metal compression, the author describes several experiments carried out for the production of the component part (Fig. 1). This part has been produced by chill casting, die casting and compression of the liquid metal; however, only the latter method supplied faultless component parts with compact walls and a good surface quality. The material used was aluminum. The die casting and compression of the liquid metal have been accomplished in the same mold, which had been preheated in all cases to approx. 200°C. Mineral oil mixed with graphite had been used for lubrication. The initial temperature of the metal was the same in all cases. Pieces of good quality have been obtained by compressing the liquid metal even at using a lower initial metal temperature. The author then compares the quality of the component

Card 1/3

CIA-RDP86-00513R00041111001 **APPROVED FOR RELEASE: Friday, July 28, 2000**

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R/009/60/000/006/003/005

Contributions to the Compression of Liquid Metal

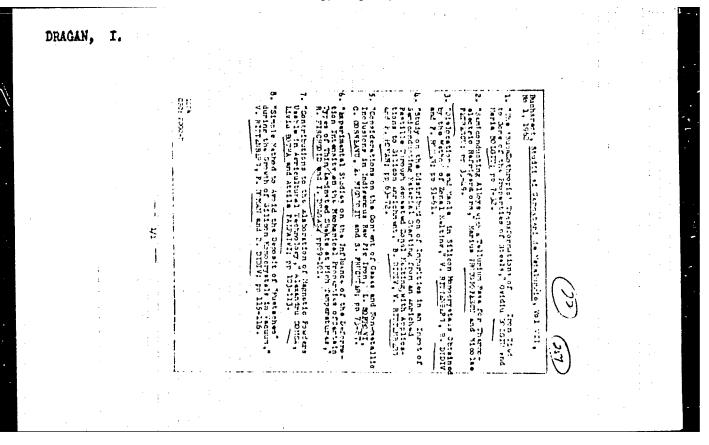
parts produced by compression and die casting, respectively chill casting, by analyzing the various formation stages of the component part and the loss of temperature during this time. During the first stage (filling of the mold with liquid metal) and the second production stage (compression of the metal), the temperature loss at the compression method was lower than at die casting. The crystallization (third stage) is achieved better at the compression of the liquid metal, since the entire surface of the component part is under pressure during the whole time. Pores or pipes are removed during the fourth stage, thus receiving clean walls. The shaping of the component part is accomplished in liquid phase, thus the required pressure is much smaller as compared with the power needed at drop forging. The following difficulties arise from this method: The dosing of the liquid metal in the mold can be performed only approximately, resulting often in faulty pieces. Generally, the quantity of the liquid metal should exceed a little the actually needed quantity. The author recommends the compensation procedure used in his experiments, which consists of a special design of the ingot mold (Fig. 4) and the use of a telescopic punch. Another difficulty in the compression of component parts with collars is the appearance of cracks in the No. 2 zone (Fig. 5), resulting from an internal Card 2/3

831,24 R/009/60/000/006/003/005

Contributions to the Compression of Liquid Metal

stress which, however, can be avoided by using larger radii of the connections between the collar and the neighboring sections, by using also a special punch recommended by the author, and by completely removing the collars perpendicular to the advancing direction of the punch. The method of compressing the liquid metal permits the production of component parts of good quality requiring little specific metal and time. There are 5 figures, 1 set of photographs and 3 references; 2 Soviet and 1 Rumanian.

Card 3/3

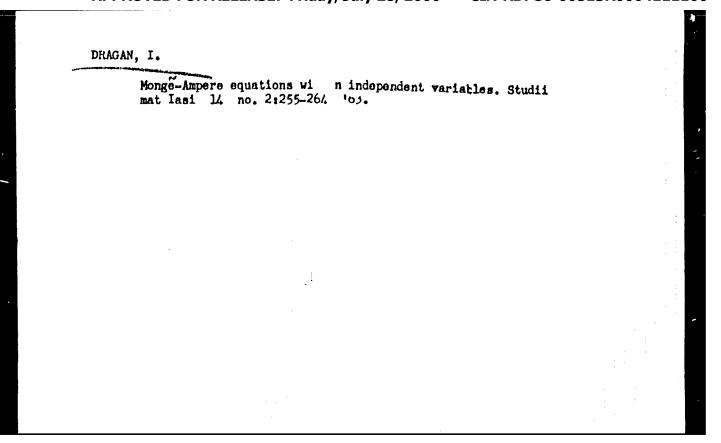


MOLDOVAN, V.; DRAGAN, I.; STAN, L.; DONEA, V.

Some problems concerning the forging of rapid stdel semimanufactured goods. Bul stiint polit Cluj no.5:261-271 '62.

BAUMSTARK, I., ing.; MIHOC, Ema, ing.; DRAGAN, I., ing.; BALAN, Sp., ing.

Pedological excursions in the regions of Banat and Crisana. I. Studii agr Timisorara 9 no.1/2:15-26 Ja-Je 162.



DRAGAN, I.; STAN, L.; DONEA, V.; ISCRULESCU, V.

Some problems regarding the heating of RW 180 rapid steel semifinished products in view of the forging and drop forging. Bul stiint polit Cluj no.7:263-271 '64.

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L 33352-66 EWP(t)/EWP(k)/ETI IJP(c) JD/HW

ACC NR: AP6024595

SOURCE CODE: RU/0017/65/000/009/0461/0465

AUTHOR: Adrian, M. (Engineer); Dragan, I. (Engineer); Gazimirovici, E. (Engineer) 3 4

ORG: "Cheorghe Gheorghiu-Dej" Polytechnical Institute, Bucharest (Institutul Politehnic "Gheorghe Gheorghiu-Dej")

TITLE: Studies on the establishment of the optimum reduction conditions in the cold rolling of substitution non-corrosive steels

SOURCE: Metalurgia, no. 9, 1965, 461-465

TOPIC TAGS: cold rolling, corrosion resistant steel, hot rolling, material deformation

ABSTRACT: A report on tests carried out with hot-rolled 3-millimeter steel strips. The authors found that deformations in the cold state can be achieved under good cenditions up to the point where h = 8.8 millimeters (Δh = 60 to 70 percent); above this point, a thermal treatment is required. Orig. art. has: 11 figures and 8 tables. [Based on authors' Eng. abst.] [JPRS: 33,732]

SUB CODE: 13, 11 / SUEM DATE: none / ORIG REF: OO1 / SOV REF: OO4
OTH REF: OO1

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UDC: 621.771.2:669.14.018.8

DRAGAN, I.

Equations with linear partial derivatives of the third order, with an unknown function of two independent variables, with distinct characteristics, reducible to inferior order equations. Studii mat Iasi 13 no.2:247-290 '62.

GHIBEDEA, V., conf. univ.; DRAGAR, I., lector univ. (Timiscare)

Otudent education in the spirit of socialist patrictism by teaching them Rumanian geography. Natura Geografic 17 no.1:60-63 Ja-F 165.

1. Submitted June 1964.

DRAGAN, TEFTIC

YUGOSIAVIA/Chemical Technology. Chemical Products and Their Application. Leather, Fur. Gelatin. Tanning Agents. Technical Proteins. H-35

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 16621.

Author : Jeftic Dragan

Inst

Title : Properties of Artificial Leather.

Orig Pub: Koza i obuca, 1956, 5, No 8, 321-324.

Abstract: The Yugoslav artificial leather -- Konit, has properties which

meet fully the German specifications (according to Herfeld). In comparison with other kinds of artificial leather (German, French, Italian and that manufactured in the USSR) Konit is almost equal to them in quality. Komit can be successfully

put to use in the manufacture of footwear.

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Properties and fields of rhenium use. Metalurgia constr mas 15 ne.7:473-476 Jl 163.

GRIGORIU, Laura; DRAGAN, Lidia; TURTOI, D.

Contributions to the extraction of wolfram from wolfram concentrates. Rev chimie Min petr 15 no.6:324-329 Je 164.

DRAGAN, Mircea

Considerations on the Fokker-Planck equation for a completely ionized plasma. Bull math Rum 4 no.3/4:19-35'60.

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On the Fokker-Planck equation for a complete ionized plasma. Studia Univ B-B S. Math-Phys 8 no.1:105-124 '63.

RUMANIA/General Biology. General Histology.

B-3

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71557

: Riminiceanu, C.; Miclea, C., Dragan, H., Covaci, L., Dinca, C. : Rumanian Academy, Timisoara Base. Author

Inst

: Morphological Changes of the Chondrione of Title

Embryonic Chicken Liver Cells under the Influence of Morphine Introduction.

Orig Pub: Studii si corcetari stiint. Acad. RPR, Baza Timisoara, Sor. stiinte med., 1956, 3, No

1-2, 39-48

Abstract: By investigating the quantitative and qualitative changes of the chondriome of embryonic

chicken liver cells under the influence of daily (from the 4th to 15th day of incubation)

: 1/2 Card

RUMANIA/General Biology. General Histology.

B-3

Abs Jour : Ref Zhur-Biol., No 16, 1953, 71557

introduction of morphine (0.05 ml in a concentration of 5.10-3), the authors observed that in the first half of embryonal development the introduction of morphine causes no marked changes of the chondriome; but after the 11th day of incubation, the introduction of morphine causes both qualitative and quantitative changes of the chondriome, which indicates significant strengthening of the metabolic activity in the liver cells. The authors conclude that the chondriome of the liver cells participates actively in carbohydrate metabolism. — V. V. Rol'nik

Card : 2/2

RUMANIA/General Biology - Individual Development.

B-4

Abs Jux

: Ref Zhur - Biol., No 15, 1958, 66742

Author

: Rimnicsanu, C., Miclea, C., Dragan, M.

Inst

: Academy RPR.

Title

: The Effect of Morphine Upon the Metabolism of Chick Embryo.

Orig Pub

: Studii si cercetari stiint. Acad. RFR., Baza Timisoara,

Ser. stiinte med., 1956, 3, No 1-2, 49-53.

Abstract

: The authors studied the effect of morphine upon the glycogenesis of liver in chick embryos, introducting morphine every day in a dose of 0.05 ml, starting from the fourth to the fifteenth day of the incubation, or just once during the same period in a dose of 0.1 ml. A histo-chemical determination of glycogen in the liver of the experimental and control embryos showed that the morphine does not effect the liver glycogenesis in the first period of

Card 1/2

- 7 -

RUMANIA/General Biology - Individual Development.

B-4

Abs Jour : Ref Zhur - Biol., No 15, 1958, 66742.

incubation, but from the eleventh day on, glycogenesis in liver increases strongly. The authors assume that the effect of morphine on glycogen decomposition in liver luring the second half of the incubation period is accomplished by CNS (centr. nerv. system).

Card 2/2

DRAGAN, M.

RUMANIA/General Biology. Individual Dovelopment

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 98912

: Ramniceanu C., Miclea C., Dragan M., Joju M. Author

: Rumanian Academy, Baza Timisonrz Inst

: Effoct of Morphine, Adrenalin and Sedium Luminal Titlo

on Carbohydrato Motabolism During the Embryonic

Poriod of Ontogonosis

Oriz Pub: Sor. stiinto mod., 1956, 3, No 3-4, 63-72

Abstract: In an experiment with chicken embryos in 4 to 5 day incubation poriods after the administration into the choricallantois of morphin (1), adrenalin (11) and Na Luminal III the content of glycerin was determined. Administration of I showed in the first half of embryonic development a weak and in the seemd half a strong anabolising of-fect. Administration of II and III during carlior periods of entogenesis produced catabolising effect (provoking complete glycogenelysis)

: 1/2 Card

8

DRAGAN M.

STRAT, C. Prof.; ZONENHEIGH, S., Dr.; DRAGAN, M., Dr.; MARDARE, Gh., Dr.

Adrenal cortex hormone therapy of chronic liver diseases. Med. int., Bucur. 9 no.7:1089-1094 July 57.

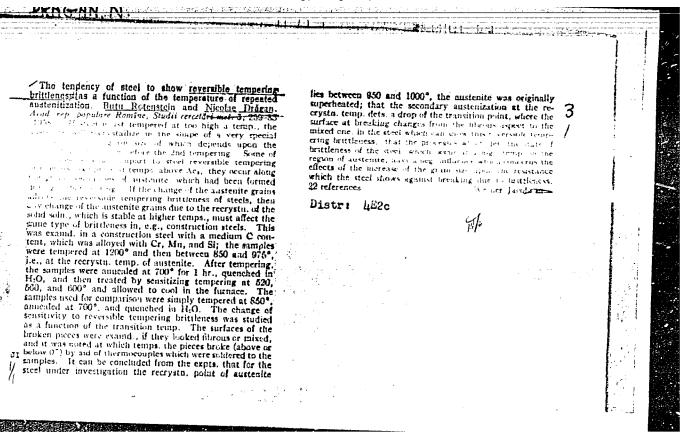
1. Clinica a II-2 medicala, Institutui de medicina, Iasi.
(LIVER DISEASES, therapy
adrenal cortex hormones)
(AIRENAL CORTEX HORMONES, ther. use
liver dis., chronic)

STRAT, C., prof.; LUNGU, I., dr.; DRAGAN, Margareta, dr.; RUSSU, G., dr.; LUNGU, Eugenia, dr.; SOLOMON, M., dr.; MARDARE, G., dr.; POPESCU, N., dr.; CIMPOES, C., dr.; SELARU, M., dr.

The value of ornithins-carbamyl-transferase in hepatic diseases of viral origin. Med. intern. 15 no.6:673-678 Je 163.

DRAGAN, Maria, prof. (Sighisoara)

Training pupils in protecting the monuments of nature. Natura Biologie 17 no.1:65-67 Ja-F 165.



Dragau, N.; Rotenstein, B.

Steel inclination toward reversible temporing brittleness dependent on the temperature of repeated austenitization. In Russian. p. 5.

REVUE DE MATALLURGIE. JOURNAL OF METALLROY. (Academia Republicii Populare Romine) Bucuresti, Rumania Vol. 3, no. 3, 1958

Monthly List of East European Accessions (EMAI) LC, Vol. 8, no. 9, Sept 1959 Uncl.

DRAGAN, N.; ROTENSTEIN, B.

Steel; its tendency toward refersible-tempering fragility dependent on the temperature of repeated austenitization. p. 259.

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Uncl.

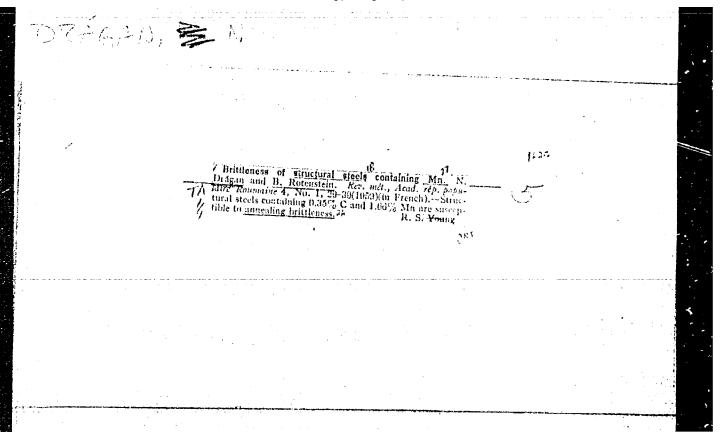
DRAGAN, N.; ROTENSTEIN, B.

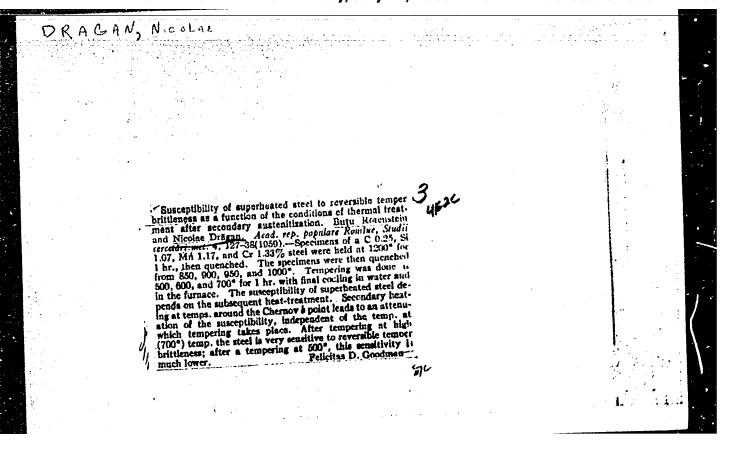
Susceptibility of structural manganese steel to reversible tempering brittleness depending on the conditions of thermal treatment, p. 463.

Academia Republicii Populare Romine. Centrul de Cercetari Metalurgice. STUDII SI CERCETARI DE METALURGIE. Bucuresti, Rumania. Vol. 3, no. 4, 1958.

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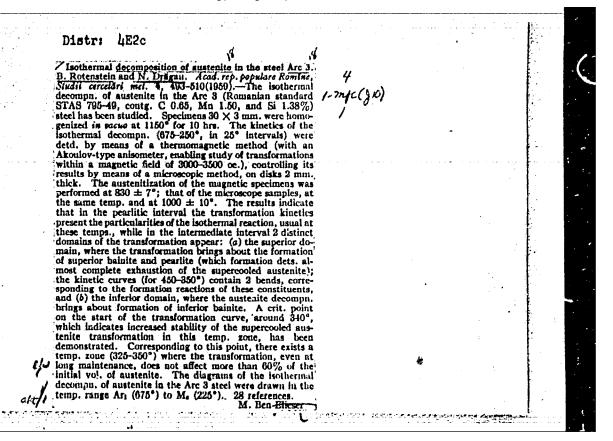




DRAGAN, N.

Distr: lE2c

Recrystallization of Austenite in Overheated Steel. B. Rotenstein and N. Drágan. Acad. rep. populare Romine, Studii cercetari met. 4, 295-310(1959); cf. Sadowsky, C. A. 52, 1024f, 17041d; Sazonov, C. A. 52, 1020h; Rauzin, C. A. 52, 9910h.--The recrystn. of austenite in strongly overheated 0.45% C and slightly alloyed (Mn, Mo, Cr) steels and the influence of some heat-treatment parameters on this phenomenon were examd. The four heat-treatments involved primary austenitization followed by oil quenching, and secondary austenitization followed by oil quenching: (a) 1200 3 hrs.; 840°, 900-1150° (50° intervals), 30 min.; (b) 1300°, 3 hrs.; 900-1250° (50° intervals), 30 min.; (c) 1300°, 3 hrs.; 840°, 900°, 950°, 1000°, 1050°, 2 hrs.; (d) 1300°, 3 hrs.; 840°, 900°, 950°, 1000°, 1050°, 4 hrs. In all cases the steels were reheated to 550° for 20 hrs. after the 2nd hardeness of 1000°, 100 reheated to 550° for 20 hrs. after the 2nd hardening and cooled in the furnace. The recrystn. of austenite took place at 900-950°, with heating rates of 150-200°/min. The recrystd. austenite has fine granulation within a large interval of temp., approx. 900-1050°. Raising the temp. of the 1st heating from 1200 to 1300° detd. the displacement of the interval with fine granulation of the austenite, to higher temps., from 950-1000° to 1000-1100°. Lengthening the time of the 2nd heating lowers the temp. interval at which the overheated austenite recrystallizers. No relation was found between the modification of the austenite granulation as a function of the ordinary heating temp. or the temp. of heating of the overheated steel before the 2nd hardening. The structure of steels STAS 792-40 (20MoCl2, 33MoCl1, hlMoCl1) and the marks 40MCl1 and OLCh5, overheated by hardening at 1200-1300° can be regenerated by a 2nd hardening M. Ben Elieser at 900-100°. (Retyped clipped abstract) Card 1/1 ji pa



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Isothermal decomposition of austenite in the steel alloyed with Cr,Si, and Mn on the top of the intermediate interval. Studii cerc metalurgie 6 no.3:269-292 '61.

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Buchment, Studii si Corcetari de Metalurgie, No 4, 1962, ep 383-391.

"Contributions to the Study of the Icothernal E-composition in the Bainitic Interval of Austemite of Manday Akaoyed Steels."

R/009/62/000/012/002/004 D272/D308

AUTHOR:

Drăgan, Nicolas, Engineer

TITLE:

Certain advantages and possibilities of isothermal

heat treatments

PERIODICAL:

Metalurgia și Construcția de Mașini, no. 12, 1962,

1077-1083

The isothermal decomposition of austenite and the tempering followed by drawing of the temper are compared, discussing the effects of these heat treatments on the mechanical and physical properties of the final products, on the basis of certain recent studies (P.A. Gulyayev, Tratamental termic al otelului (Thermal Treat ment of Steel) Bucharest, Ed. techn., 1962, 229-232, translated from ment of Steel) Bucharest, Ed. techn., 1962, and treatments - Russian). The technology of several isothermal heat treatments - instemporing! Russian). The technology of several isothermal heat treatments 'austempering', 'martempering', 'tempering in stages', and 'isothermal annealing' is briefly presented, considering the effects of the
parameters on the structure of the resulting steel products. There are 9 figures and 4 tables.,

Card 1/2

Certain advantages

R/009/62/000/012/002/004 D272/D308

ASSOCIATION:

Institutul de cercetări metalurgice (Metallurgical Research Institute)

Card 2/2

DRAGAN, N.

Isothermic decomposition of the austenite in low-alloyed steels during the bainite interval. Studii cerc metalurgie 7 no.4:383-391 '62.

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Influence of boron on the isothermal decomposition of austenite in the 10010 steels. Studio cerc metalurgie 8 nc.2:111-130 163

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Ducharest, Studii si Constant de Matalur de, No 4, 1963, pp 375-390

"Contributions to the Study of the Transformation of Austenite in Carbon Steels."

(5)

ROTENSTEIN, B.; DRAGAN, N.; STAICU, L.; HUBERT, H.; IACOB, M.

Contributions to the study on the transformation of undercooled austenite of carbon steels. Rev Roum metallurg 9 no. 1:105-115 '64.

